**Power Shortage in Southern States**

1613. SHRI O. RAJAGOPAL: Will the Minister of POWER be pleased to state;

(a) whether Government are aware of power shortage in the Southern States particularly Tamil Nadu and Kerala, if so, the details thereof; and

(b) in what manner, the shortfall is to be met by the Central Government?

THE MINISTER OF POWER (SHRI R. KUMARAMANGALAM): (a) The details of actual power supply position which prevailed in the States of Southern Region during the year 1997-98 and for the month of April, 1998 are as under:—

(All figures in MU)

| State/Region | 1997-98 | | | | April, 1998 | | | |
|---|---|---|---|---|---|---|---|---|
| | Requirement | Availability | Shortage | % | Requirement | Availability | Shortage | % |
| Andhra Pradesh | 41599 | 35606 | 5993 | 14.4 | 3608 | 3103 | 505 | 14.0 |
| Karnataka | 26577 | 21192 | 5385 | 20.3 | 2300 | 1955 | 345 | 15.0 |
| Kerala | 11611 | 9404 | 2207 | 19.0 | 1050 | 934 | 116 | 11.0 |
| Tamilnadu (Incl. Pondicherry) | 37870 | 32550 | 5320 | 14.0 | 3468 | 2844 | 624 | 18.0 |

(b) To mitigate the power shortage in the Southern States arrangements have been made to provide assistance to the States from the Eastern/Western region/ other states. The details are given as under:—

(All figures in MUS)

| | Jan. 98 | Feb. 98 | March, 98 | April, 98 |
|---|---|---|---|---|
| (i) Tamilnadu | | | | |
| From Maharashtra | — | — | 8.47 | 3.79 |
| From Punjab | — | — | — | 61.96 |
| (ii) Kerala: | | | | |
| From Eastern Region | — | 60.05 | 69.52 | 68.88 |
| (iii) Karnataka: | | | | |
| From Maharashtra | — | — | 7.86 | 33.31 |
| (iv) Andhra Pradesh | | | | |
| From Eastern Region | 41.38 | 92.85 | 109.64 | 108.23 |
| From Western Region (at Ramagundam point) | 43.45 | 87.86 | 132.38 | 4.31 |

After commissioning of 400 KV Jeypore-Gazuwaka D/C line (pending commissioning of HVDC back to back terminal at Gazuwaka), it would be possible to transfer about 320 MW of power in radial mode from the Eastern Region to Southern Region including 150 MW presently being done on Balimela-Upper Sileru 220 KV line.

**Boosting Private Investments in Power Sector**

1614. SHRI GHUFRAN AZAM: Will the Minister of POWER be pleased to state;

(a) whether the Central Government have, recently, announced a fresh package for boosting private investments in the power sector;

(b) if so, the details of fresh package announced by Government;

(c) whether Government propose to change the present concept of techno-economic clearance for private investments; and

(d) if so, the details thereof?

THE MINISTER OF POWER (SHRI R. KUMARAMANGALAM): (a) and (b) The Government have taken a number of initiatives to boost private investment in the power sector. The initiatives taken and underway include liberalising the scope of automatic approval for foreign direct investment, simplification of procedure for issue of counter guarantee, improving the procedures for competitive bidding and credit enhancement of SEBs by encouraging reforms.

(c) No, Sir.

(d) Does not arise.

**राजस्थान में विद्युत की मांग और आपूर्ति**

1615. **श्री ओंकार सिंह लखावत:** क्या विद्युत मंत्री यह बताने की कृपा करेंगे कि:

(क) देश में विद्युत क्षमता की कुल कितनी मांग है और कितनी मात्रा उपलब्ध है;

(ख) राजस्थान राज्य में विद्युत की कितनी मांग है और कितनी मात्रा उपलब्ध है; और

(ग) राजस्थान सरकार ने मांग व उपलब्धता के अंतर को कब तक पूरा करने का लक्ष्य निर्धारित कर केन्द्र सरकार को सूचित किया है?

**विद्युत मंत्री (श्री रंगराजन कुमारमंगलम):** (क) वर्ष 1997-98 के दौरान देश में 390335 मि० यू० उपलब्धता की तुलना में ऊर्जा की आवश्यकता 424505 मि० यू० थी। अतः 8.1% ऊर्जा की कमी थी।

(ख) राजस्थान राज्य में वर्ष 1997-98 और अप्रैल, 98 के दौरान मांग और उपलब्धता की स्थिति निम्नानुसार है:—

(सभी आंकड़े मि० यू० में)

| अवधि | आवश्यकता | उपलब्धता | कमी | %कमी |
|---|---|---|---|---|
| 1997-98 | 20655 | 20288 | 367 | 1.8 |
| अप्रैल, 1998 | 1765 | 1741 | 24 | 1.4 |

(ग) विद्युत की मांग और आपूर्ति के बीच के अंतर को कम करने के लिए निम्नलिखित कदम उठाये जा रहे हैं:

— नवीकरण और आधुनिकीकरण द्वारा मौजूदा विद्युत संयंत्रों में उत्पादन को अधिकतम करना।

— पारेषण और वितरण हानियों में कमी करना।

— जल विद्युत, ताप विद्युत, नाभिकीय और गैस टरबाईन विद्युत केन्द्रों का समन्वित प्रचालन

— अंतर्राज्यीय/अंतरक्षेत्रीय विद्युत अंतरणों का संवर्धन।

— मांग पक्ष प्रबंधन।

— ऊर्जा संरक्षण।

**Gas based Power Plants in private sector**

1616. SHRI CHIMANBHAI HARIBHAI SHUKLA: Will the Minister of POWER be pleased to state:

(a) the position regarding power generation in the country and the State-wise details of the gas based Power Plants which are being set-up by the private sectors;

(b) the number of power projects (gas based) identified and given clearance to be installed in Gujarat, Orissa and Madhya Pradesh;

(c) the estimated cost and installed capacity of these projects and the investments with or without foreign aid; and

(d) by when Government propose to clear the long pending Bhander project of Madhya Pradesh?

THE MINISTER OF POWER (SHRI R. KUMARAMANGALAM): (a) to (c) The actual energy generation in the country during the month of April-May, 1998 was 74936 million units. As per information available, the following private power projects on the Memorandum of Understanding (MoU)/ Letter of Intent (LoI) etc. route (costing